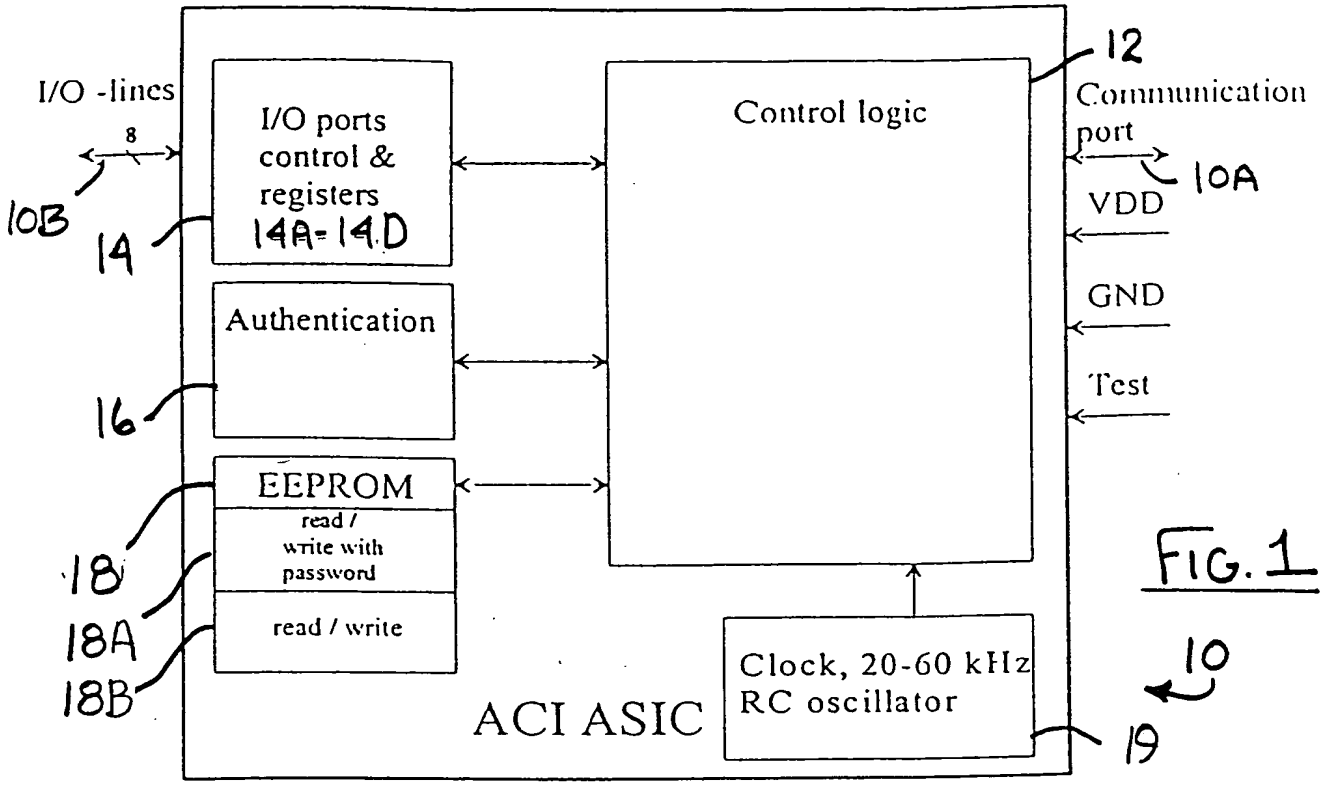

I/O -lines
8
10B
I/O ports control & registers 14A-14D
14
Authentication
16
EEPROM
read / write with password
read / write
18
18A
18B
Control logic
12
Communication port
10A
VDD
GND
Test
Clock, 20-60 kHz RC oscillator
19
ACI ASIC
10

FIG. 1

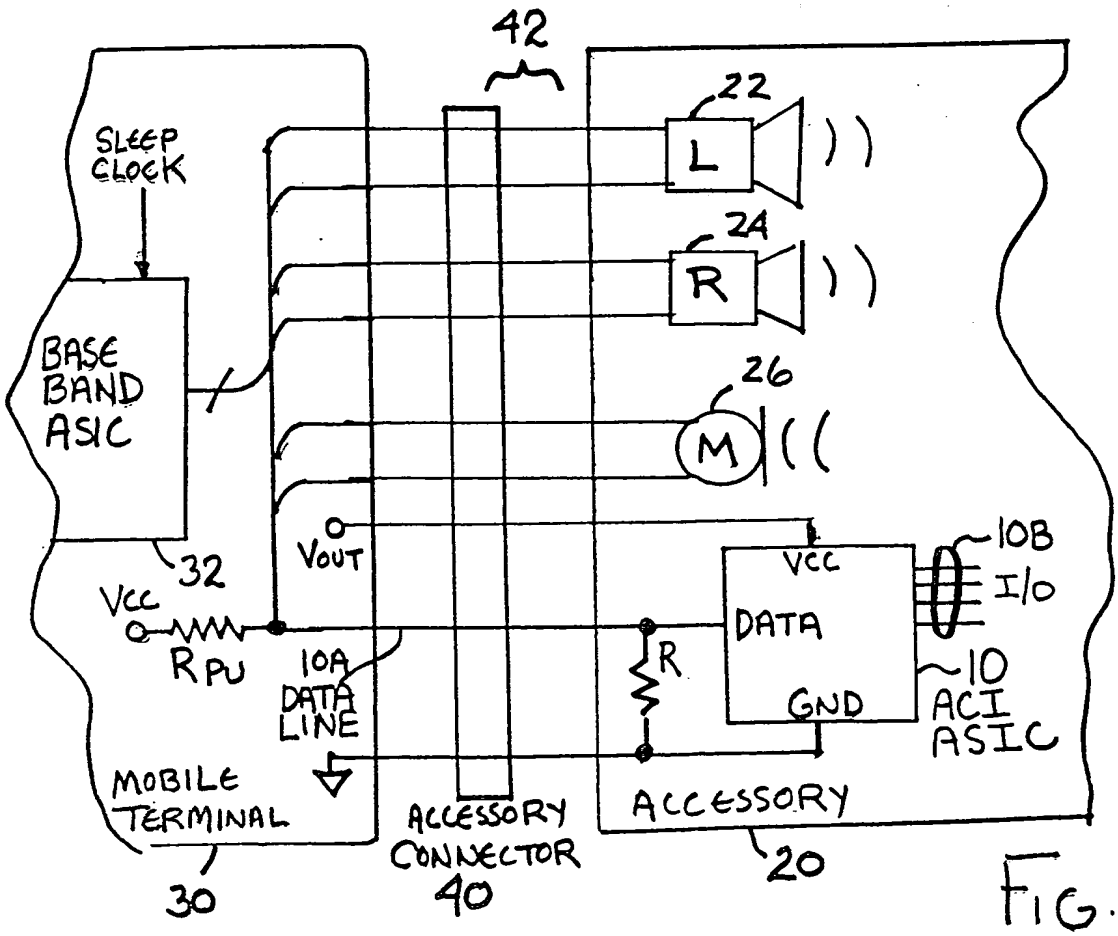

42
SLEEP CLOCK
BASE BAND ASIC
32
VCC
RPU
VOUT
10A DATA LINE
MOBILE TERMINAL
30
ACCESSORY CONNECTOR
40
22
L
24
R
26
M
R
VCC
DATA
GND
10B
I/O
10
ACI ASIC
ACCESSORY
20

FIG. 2

FIG. 3

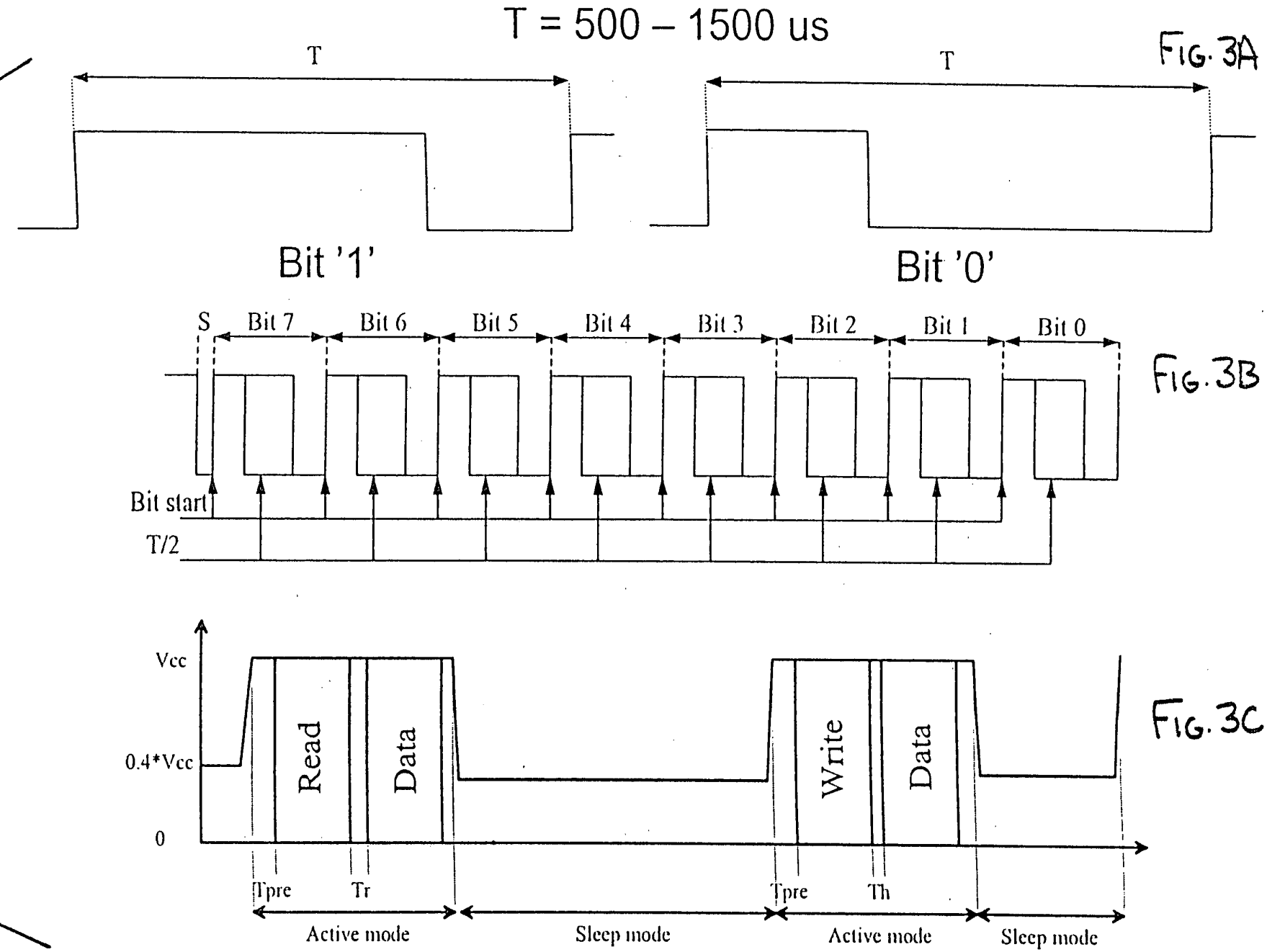


FIG. 3A

FIG. 3B

FIG. 3C

FIG. 3D

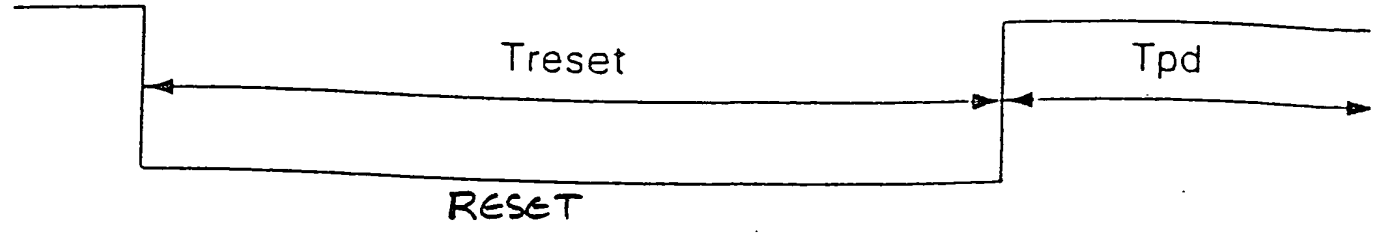


FIG. 3E

FIG. 3 (cont)

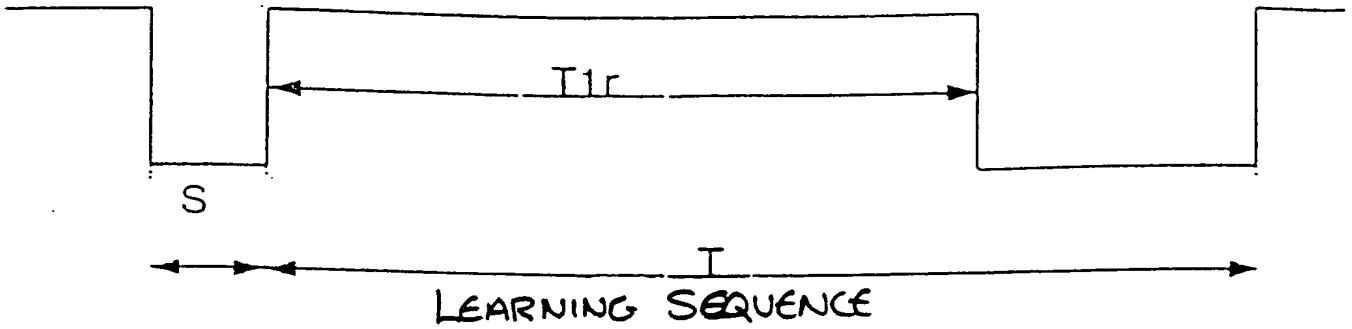
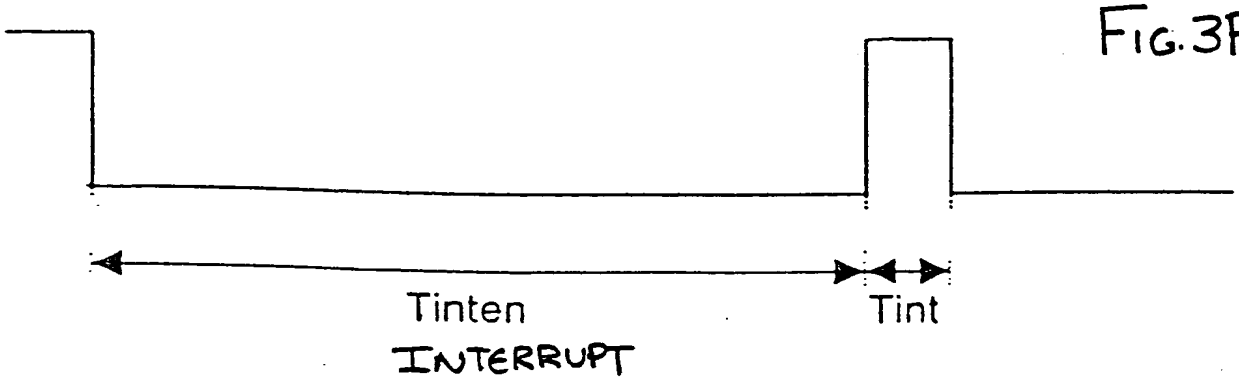


FIG. 3F



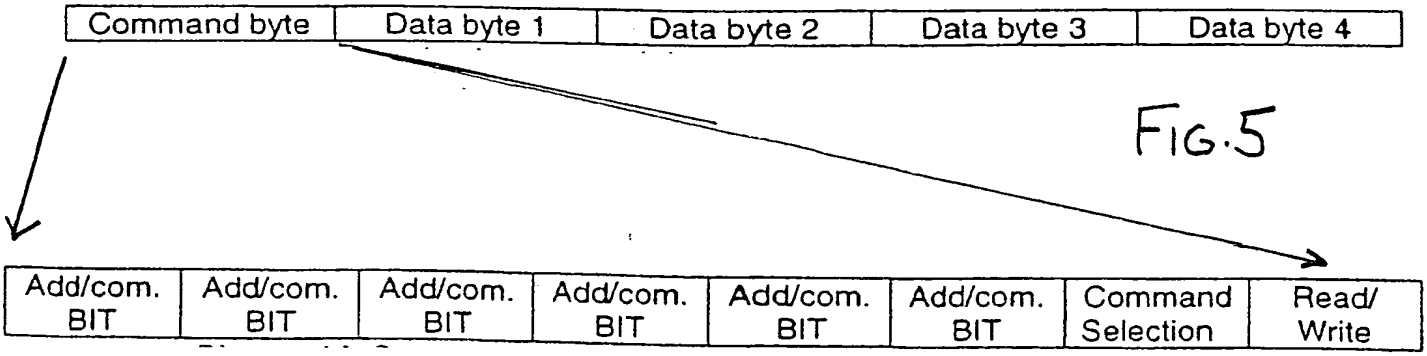
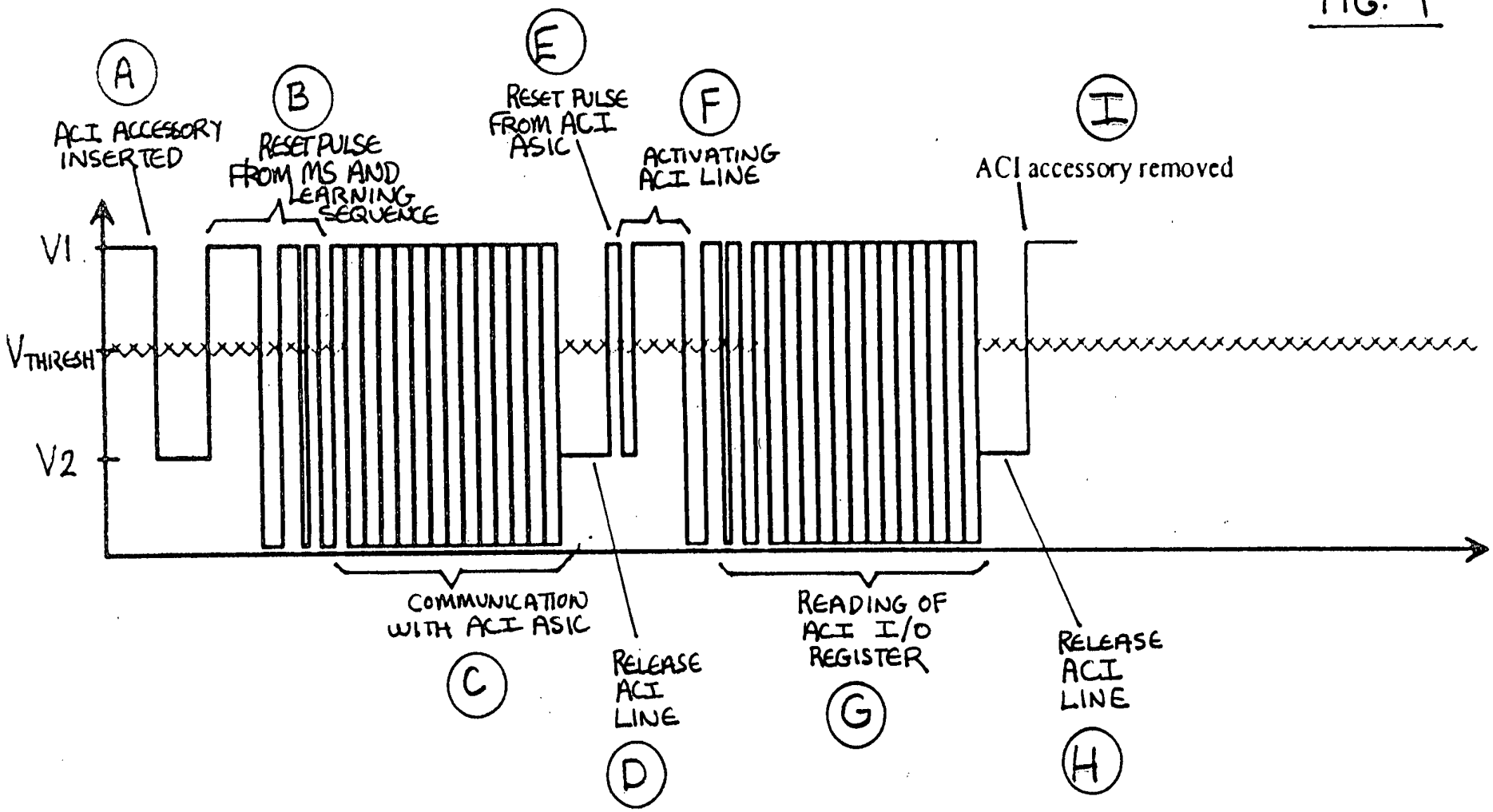


FIG. 5

FIG. 4


A
ACI ACCESSORY INSERTED
B
RESET PULSE FROM MS AND LEARNING SEQUENCE
E
RESET PULSE FROM ACI ASIC
F
ACTIVATING ACI LINE
I
ACI accessory removed
V1
VTHRESH
V2
COMMUNICATION WITH ACI ASIC
C
RELEASE ACI LINE
D
READING OF ACI I/O REGISTER
G
RELEASE ACI LINE
H

Active and sleep modes

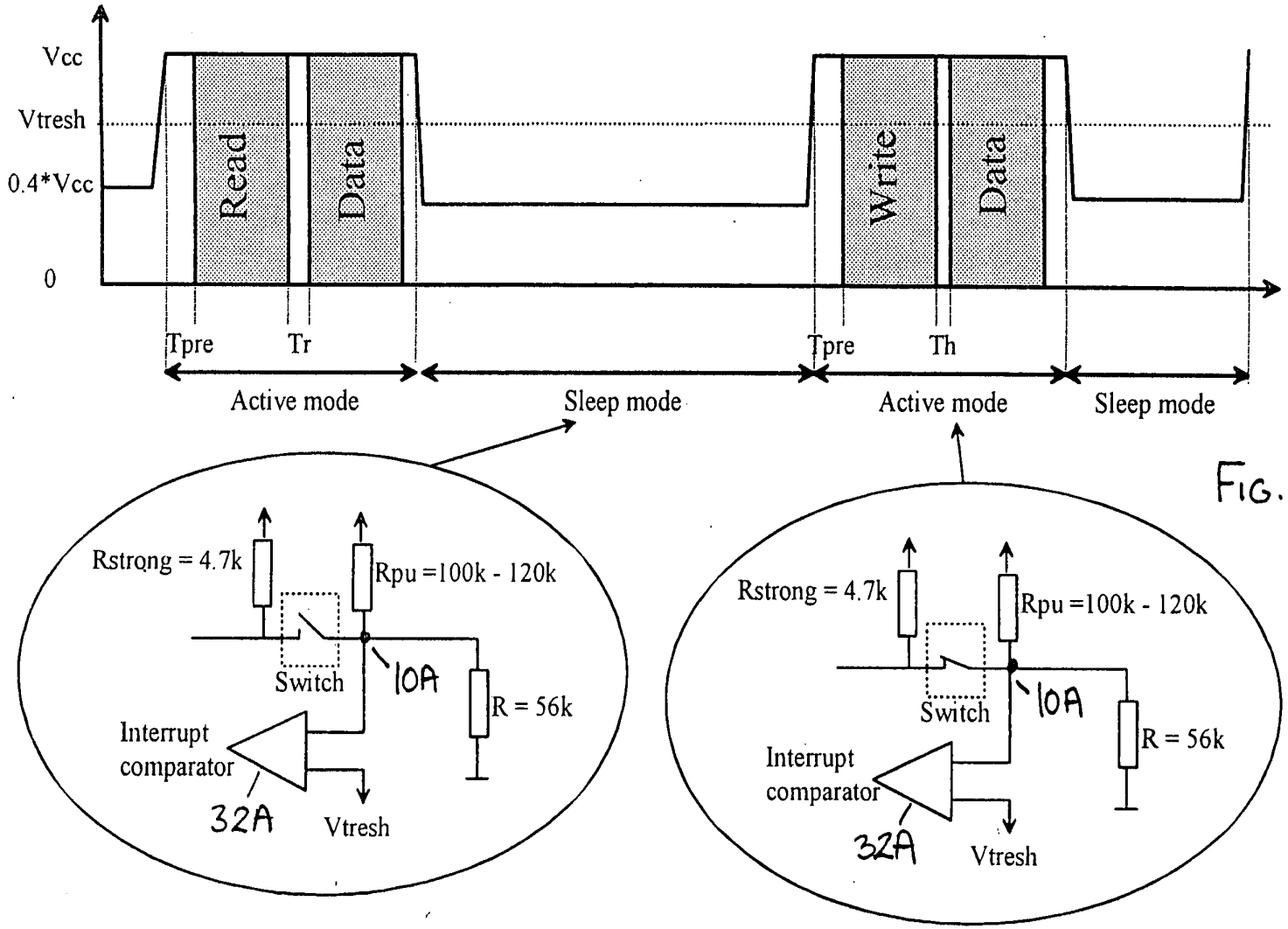


FIG. 6